## Index of Claims

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 09/919,436      | JANNU ET AL. |  |
| Examiner        | Art Unit     |  |
| Douglas B Blair | 2142         |  |

|   | Rejected | _ | (Thr |
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| • | Allowed  | ÷ |      |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
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| ı | Interference |

| Α | Appeal   |
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| Cla   | aim                   | Date                                  |          |          |  |          |  |  |  | 7  |               |
| Final | Original              | 9/15/04                               |          |          |  |          | Ī  |  |  |  |               |
|       |                       |                                       | H        | -        | +-   | +        | -  | +  | ╁  | +  | $\frac{1}{2}$ |
|       | 2                     | 1,7                                   | t        | +-       | T  | +        | $^{+}$   | +  | +-   | ╁╴   | -             |
|       | 3                     | 1./                                   | $\vdash$ | +        | +  | +        | ╈  | +  | +  | +  | ┪             |
|       | 4                     | 1./                                   | H        | +        | ╁  | ╁        | +-   | ╁  | ┿  | ╁  | ┨             |
|       | 1<br>2<br>3<br>4<br>5 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | ⊢        | ╁        | ╆  | ╁        | +-   | +  | +  | ┿  | 1             |
|       | 6                     | 1                                     | ├        | ╁        | ╁╌   | +-       | +  |  | +  | +  | ┨             |
|       | 7                     | 1                                     | -        | +        | +  | +        | ╁  | +  | ╁  | +  | +             |
|       | 8                     | V                                     | $\vdash$ | ╁        | +  | ╁        | +  | ╁  | +-   | +-   | 1             |
|       | 9                     | 7                                     | H        | ╁╌       | ╁  | +-       | +  | ╁  | +  | +  | ┨             |
|       | 10                    |                                       |          | +        | +-   | +        | ╁  | +  | ╁  | +  | ┨             |
|       | 11                    | . /                                   |          | +        | +  | +-       | +  | +  | +  | ╁  | 1             |
|       | 12                    | 7                                     |          | +-       | ╁  | ┼─       | ╁╌   | +  | +  | -  | -             |
|       | 12                    | V /                                   | ⊢        | +        | ╁╌   | +        | ╁  | +-   | ┼-   | ╀  | -             |
| _     | 1/                    | V /                                   | -        | +        | ╁  | -        | -  | $\vdash$   | ╁  | +-   | 1             |
|       | 12<br>13<br>14<br>15  | V                                     |          | +        | ╁╌   | ╁        | -  | ┼  | ╀  | +  | ┨             |
|       | 16                    | 1                                     |          | ╁        | $\vdash$   | -        | +  | -  | ╁  | +  | ┨             |
|       | 16<br>17<br>18        | 1                                     |          | ┼        | +-   | +        | $\vdash$   | -  | <del>-</del>                                     | -  | ┨             |
|       | 18                    | 1                                     |          | 1        | ╁  | +-       | $\vdash$   | ┼  | $\vdash$   | +  | ł             |
|       | 19                    | · /                                   | -        | +        | +  | +        | $\vdash$   | ╫  | $\vdash$   | -  | $\cdot$       |
|       | 20                    | V                                     |          | ┼        | ╁  | +-       | $\vdash$   | ╀╌   | ┼─   | ┢  | 1             |
|       | 20<br>21              | V                                     |          | -        | $\vdash$   | ├        | ╁  | ┼  | ╁  | +  | ł             |
|       | 22                    | Y                                     |          | -        | $\vdash$   | $\vdash$ | ┼─   | $\vdash$   | ļ  | ┢  | 1             |
|       | 23                    | H                                     |          | ╁        | ┢  | -        | +  | $\vdash$   | ⊢  |  | 1             |
|       | 22<br>23<br>24        | $\vdash$                              | -        | -        | 1  | +-       | ╁  |  | ⊢  | ┼  | 1             |
|       | 25                    | Н                                     |          | 1        |  | 1        |  |  | -  | $\vdash$   | ┨             |
|       | 25<br>26              | Н                                     |          |          | <del>                                     </del> | ┢╌       |  | +-   | ┢  | ╁  | 1             |
| _     | 27                    |                                       | _        | +        | +-   | ┢╌       |  | $\vdash$   |  |  | 1             |
| -     | 27<br>28              | Н                                     |          | -        | $\vdash$   | -        | ╁  | 1-   | $\vdash$   | 1  | ł             |
|       | 29                    |                                       |          | $\vdash$ | -  | -        | $\vdash$   | ┼~   | H  | -  | 1             |
|       | 30                    | H                                     |          | <u> </u> | 1  | $\vdash$ | <del>                                     </del> | $\vdash$   | ╁  | ┢  | l             |
|       | 31                    |                                       |          |          |  | $\vdash$ | <del> </del>                                     | ┢  | <del>  -</del>                                   | $\vdash$   | l             |
|       | 32                    |                                       | -        | H        | <del>                                     </del> |          | t  | Η-   | $\vdash$   | <del>                                     </del> |               |
|       | 33                    | -                                     |          |          |  |          | ╁  | <u> </u>   |  | H  |               |
|       | 34                    |                                       |          | <b></b>  | 1  | -        |  | -  |  | <u> </u>   |               |
|       | 35                    | $\Box$                                |          | 1-       |  |          | <u> </u>   | ╁  |  |  |               |
|       | 36                    |                                       |          | 1        |  |          | T  |  |  |  | 1             |
|       | 37                    |                                       |          |          |  | <u> </u> |  | <del>                                     </del> | <del>                                     </del> |  |               |
|       | 38                    |                                       |          |          | <del>                                     </del> | $\vdash$ | Ι  | $t^-$  | <u> </u>   | <del> </del>                                     |               |
|       | 39                    |                                       | _        |          |  | Г        | t —  | <u> </u>   |  |  |               |
|       | 40                    | $\neg$                                |          | ļ ·      |  |          |  | $\vdash$   | <del>                                     </del> | П  |               |
|       | 41                    |                                       |          |          |  |          |  |  |  |  |               |
|       | 42                    |                                       |          |          |  |          |  |  |  |  |               |
|       | 43                    |                                       |          |          |  |          | Γ  |  |  |  |               |
|       | 44                    |                                       |          |          |  |          | Γ  | $\Box$   |  |  |               |
|       | 45                    |                                       |          |          |  |          |  | Г  | $\Box$   | П  |               |
|       | 46                    |                                       |          |          |  |          |  | _  |  | П  |               |
|       | 47                    | $\neg$                                |          |          |  |          |  |  |  | П  |               |
| - 1   | 48                    |                                       |          |          |  |          |  |  |  | $\Box$   |               |
|       | 49                    | $\neg$                                |          |          |  |          |  |  |  |  |               |
|       | 50                    | $\neg$                                |          |          |  | _        |  | _  |  | $\vdash$   |               |

|                    | Cla   | aim      | Τ        |            |          |                 | Da         | te              |          |          |          |
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|                    | Final   | Original |          |            |          |                 |            |                 |          |          |          |
|                    |   | 51       | L        | L          |          |                 |            | $\perp$         |          |          |          |
|                    |   | 52       |          |            |          |                 |            |                 | Г        |          |          |
|                    |   | 53       |          |            |          |                 |            |                 |          |          |          |
|                    | L   | 54       |          |            |          |                 |            |                 |          | İ        |          |
|                    |   | 55       | L        |            | L        |                 |            |                 |          |          |          |
|                    |   | 56       |          |            |          |                 |            |                 |          |          | Τ        |
|                    |   | 57       |          | _          |          |                 |            |                 |          |          |          |
|                    |   | 58       | L        | _          | $\perp$  |                 | _          |                 |          |          |          |
|                    |   | 59       | L        | ┖          |          |                 | L          | ┸               | L        | 1_       |          |
|                    |   | 60       | <u> </u> | ┖          | <u> </u> | _               |            |                 | <u> </u> |          |          |
|                    |   | 61       | 1_       | <u> </u>   | $\perp$  | 1_              | $\perp$    | ╙               |          | $\perp$  | 1        |
|                    | ļ   | 62       | L        | Ļ.,        | 1_       | $\perp$         | 1          | $\downarrow$    | 1_       | ↓_       | 1        |
|                    |   | 63       | ļ        | lacksquare | ┖        |                 | <u> </u>   | _               |          | 1        |          |
|                    | <u> </u>  | 64       | _        | _          | <u> </u> |                 | L          | ļ               |          | L        | L        |
|                    | <u> </u>  | 65       | _        | ļ          | $\perp$  |                 | ↓_         | L               |          | L        | L        |
|                    |   | 66       |          | ļ          | 1        | ╙               | _          | $\perp$         | <u> </u> |          | L        |
|                    |   | 67       | L        | _          | L        |                 | L          | _               | L        | _        | L        |
|                    |   | 68       |          | ļ          | <u> </u> | 1_              | <u> </u>   | $\perp$         | _        | <u> </u> | L        |
|                    |   | 69       | <u> </u> | ļ          | _        | <u> </u>        | L          | <u> </u>        | ļ        |          | L        |
|                    |   | 70       | <u> </u> | _          | L        |                 | ļ.,        | $oxed{oxed}$    | 匚        | L.       | L        |
|                    |   | 71       |          | ļ          | L        | <u> </u>        | L          |                 | <u> </u> |          | L        |
|                    |   | 72       |          | <u></u>    | <u> </u> | _               | _          | <u> </u>        | L        |          | _        |
|                    |   | 73       | L        | _          | <u> </u> | ↓_              | L          | _               | ┕        | L        | L        |
|                    |   | 74       | _        | ļ          | ┞        | Ļ.              | <u> </u>   | ــــ            | L        |          | L        |
|                    |   | 75       | <u> </u> | <u> </u>   | <u> </u> | ↓_              | <u> </u>   | _               | _        | L        | L        |
|                    |   | 76       | <u> </u> | <b>!</b> — | <u> </u> | _               | L          | _               | _        | L.       | L        |
| -                  |   | 77       | _        | _          | <u> </u> | <u> </u>        | _          | <u> </u>        | <u> </u> | _        | L        |
| -                  | -   | 78       |          | <u> </u>   | <u> </u> | <b>Ļ</b>        |            | <u> </u>        | <u> </u> | <u> </u> | _        |
|                    | +   | 79       | <u> </u> | <u> </u>   | ├        | ┝               |            | <u> </u>        | <u> </u> |          | ļ_       |
|                    |   | 80       | <u> </u> | _          | <u>.</u> | <u> </u>        | <b> </b>   | <b>L</b> .      | <u> </u> | _        | <u> </u> |
|                    | -   | 81       |          | -          | -        | ╀               | <u> </u>   | ļ               |          | <u> </u> | L        |
|                    | <del>     </del>                                  | 82       |          | ļ          | ├_       | <u> </u>        | _          | ╙               |          |          | L.       |
|                    | -   | 83       | _        | <u> -</u>  | _        | <b>⊢</b> -      | <b> </b> — | <u> </u>        | Ļ.,      | _        | L        |
|                    | -   | 84<br>85 |          | L          | ⊢        | <del> </del> —  | <u> </u>   | <u> </u>        | <u> </u> | <u> </u> | -        |
|                    |   | 86       |          | <u> </u>   | -        | $\vdash$        | -          | $\vdash$        | _        | <u> </u> | ┞        |
| +                  |   | 87       | -        |            | -        | -               | <u> </u>   | $\vdash$        | _        | <u> </u> | <u> </u> |
| ++-                | <del>     </del>                                  | 88       | -        |            | $\vdash$ | <del> </del>    | -          | $\vdash$        | _        |          | -        |
|                    |   | 89       |          |            |          | $\vdash$        |            | $\vdash$        |          | <u></u>  | Ļ.       |
|                    | +   | 90       | -        |            |          |                 | <u> </u>   | $\vdash$        |          | _        | <u> </u> |
|                    | <del>  -  </del>                                  | 91       | -        |            | -        | -               |            | $\vdash$        | -        | -        |          |
| +++                | <del>                                     </del>  | 92       | -        |            | -        | $\vdash$        |            | $\vdash$        | _        |          | -        |
| +                  | -   | 93       |          | _          | -        | $\vdash$        |            | H               |          |          | -        |
| -+                 |   | 94       |          |            | -        | $\vdash$        |            | Н               | _        |          | -        |
|                    | <del> </del>                                      | 95       |          |            | -        | H               |            | $\vdash$        | _        |          | -        |
| +++                | <del>                                      </del> | 96       | -        | -          |          | $\vdash$        | _          | $\vdash$        |          |          | <u> </u> |
|                    | <del> </del>                                      | 97       | $\dashv$ | _          | _        | $\vdash$        |            | Н               |          | _        | -        |
|                    | <del>                                     </del>  | 98       | $\dashv$ | $\dashv$   | -        | $\vdash \vdash$ |            | $\vdash \vdash$ |          |          |          |
| <del>       </del> | $\vdash$  | 99       | -+       |            | _        | $\vdash$        |            | -               | _        |          |          |
|                    | <del>  -</del>                                    | 100      |          | $\dashv$   | _        | $\vdash$        |            |                 | _        |          | <u> </u> |
|                    | L   | 100      |          |            |          |                 |            |                 |          |          |          |

|            | j                        | L            |            |          |          |              | _            |          |          | J         |              |
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| CI         | aim                      | Γ            |            |          |          | D            | at           | <br>е    |          |           |              |
| Final      | Original                 |              |            |          |          |              |              |          |          |           |              |
|            | 101                      |              | -          | +        | +        | +            |              |          | +        | $\dagger$ | <del> </del> |
|            | 102<br>103               |              |            |          |          |              |              |          | )        |           |              |
|            | 103                      |              |            | Γ        |          | I            |              |          |          |           |              |
|            | 104                      |              | L.,        |          |          |              |              |          |          |           |              |
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|            | 106                      |              |            | 1        | <b>↓</b> | 1            |              | <u> </u> |          | 1         | ļ.,          |
| <b> </b> - | 107                      |              |            | -        | ┼-       | 4            |              | Ļ.,      | -        | ╀         | +            |
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|            | 110                      |              | _          | ╁        | +        | +            |              | $\vdash$ | $\vdash$ | +         | +-           |
|            | 111                      |              |            |          | +        | +            |              | -        | -        | ╁         | +            |
|            | 112                      |              |            | $\vdash$ | ╈        | $^{\dagger}$ |              |          | +        | ╁         | -            |
|            | 113                      |              |            | T        | 十        | t            | _            |          | 1        | t         | +            |
|            | 113<br>114               |              |            | †        |          | t            | _            |          |          | 1         | $\vdash$     |
|            | 115                      |              |            |          |          | Ť            |              |          |          | T         |              |
|            | 116                      |              |            |          |          | Τ            |              |          |          |           |              |
|            | 117                      |              |            |          | L        | L            |              |          |          | [ -       |              |
|            | 118                      | _            |            |          | <u> </u> | ┸            |              |          |          |           |              |
|            | 119                      | i            |            | _        |          | 퇶            |              |          | L        |           |              |
|            | 120                      | _            |            | L        | ┡        | ╀            | _            |          | _        | _         | Ш            |
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|            | 129<br>130               |              |            |          |          | T            | T            |          |          |           | П            |
|            | 130                      |              |            |          |          |              |              |          |          |           |              |
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|            | 133                      |              | _          |          |          | Ļ            | 4            | _        | _        |           | Ш            |
|            | 134<br>135               | $\dashv$     | _          |          | <u> </u> | -            | 4            | _        | _        | _         | Ш            |
| +          | 136                      | $\dashv$     | $\dashv$   |          | <u> </u> | ┞            | -            | _        |          |           |              |
| +          | 137                      | -            | $\dashv$   |          | ┝        | ├            | ┥            |          |          | <u> </u>  | $\vdash$     |
|            | 138                      | $\dashv$     |            | -        | <u> </u> | H            | +            | _        |          | $\vdash$  | H            |
| 一十         | 139                      | +            |            |          | _        | t            | Ť            |          |          | ┢         | Н            |
|            | 140                      | 7            |            |          |          | Ħ            | 7            |          |          |           | $\vdash$     |
|            | 141                      | 1            |            |          |          |              | 7            |          |          |           | П            |
|            | 142                      |              |            |          |          | Γ            |              |          | _        |           |              |
| $\Box$     | 143                      | ightharpoons |            |          |          |              |              |          |          |           |              |
|            | 144                      | _            | $\Box$     |          |          | Ĺ            | I            |          |          |           |              |
|            | 145                      | 4            | $_{\perp}$ |          |          | L            | $\downarrow$ |          |          |           |              |
| +          | 146                      | _            | _          | _        | _        | L            | 4            | _        |          |           |              |
| $\dashv$   | 147<br>148               | +            | 4          |          |          | L            | 4            |          |          |           | Ш            |
|            | 148                      | +            | 4          | -        | _        | L            | +            |          |          |           | $\sqcup$     |
| -+         | 150                      | +            | $\dashv$   | -        | _        | -            | +            | -        |          | _         | $\vdash$     |
|            | 100                      | $\perp$      |            |          |          |              |              | $\perp$  |          |           |              |